

State inspector of coal mines reports

Section 102, Pages 3031 - 3060

These reports of the Kansas State Mine Inspector mostly concern coal mining, though by 1929 the scope of the reports broadens to include metal mines. The content of individual reports will vary. The reports address mining laws and mining districts; industry production and earnings; fatal and non-fatal accidents; accident investigations and transcripts of oral interviews; labor strikes; mine locations; mining companies and operators; and proceedings of mining conventions. The reports document the political, economic, social, and environmental impacts of more than seventy years of mining in southeastern Kansas.

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KANSAS
HISTORICAL
SOCIETY



NON-FATAL ACCIDENTS IN THE COAL MINES OF KANSAS DURING CALENDAR YEAR ENDING DECEMBER 31, 1920—CONTINUED.

Office No.	Surface shops and plant—concluded.						Accident investigated by—	Occupation.	Remarks.
	Other causes.								
	Explosives	Fall of person.	Falling objects	Hand tools, axes, bars, etc.	Nails, splinters, etc.	Miscellaneous			
1045								Miner	Right hand bruised; coal fell over on his hand.
1046		1						Blacksmith	Three ribs broken; fell while climbing chain.
1047								Miner	Left leg bruised; piece of coal fell.
1048								Miner	Elbow bruised while putting car on track.
1049								Miner	Back sprained by lifting rock.
1050								Miner	Burned by gas.
1051								Miner	Piece of coal struck eye.
1052								Miner	Finger bruised; rock fell on hand.
1053								Miner	Right hand bruised by fall of rock.
1054								Miner	Finger bruised; hit hand against rib.
1055								Miner	Bruised over body by fall of rock.
1056								Miner	Right shoulder bruised; rock fell on him.
1057								Day man	Right foot bruised; rail fell on foot.
1058								Miner	Back sprained while lifting car on track.
1059								Miner	Left hand bruised; piece of coal fell on it.
1060								Miner	Piece of coal in eye.
1061								Miner	Right arm burned; lit feeder of gas.
1062								Miner	Stuck pick in his knee.
1063							Sherwood, Keegan	Miner	Thumb injured; rock fell on his hand.
1064								Miner	Ignited the gas in his room.
1065								Miner	Sprained back by lifting car on track.
1066								Miner	Sprained chest by lifting car on track.
1067								Driver	Got piece of coal in eye.
1068								Miner	Left leg bruised; caught between cars.
1069								Miner	Left knee injured while mining.
1070							Sherwood, Harvey	Miner	Left arm broken; rock fell on him.
1071								Shot-firer	Face and hands burned by explosion.

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Department of Labor and Industry.

1072							Perkins	Shot-firer	Head and hands burned by explosion.
1073								Miner	Right foot injured; rock fell from roof.
1074		1						Topman	Toe mashed; timber fell on foot.
1075								Miner	Left hand bruised; pinched between drill and machine post.
1076								Miner	Back wrenched; lifting rock and later a car.
1077								Driver	Head and back bruised; caught between timber and car.
1078								Miner	Right foot injured; his car and another collided.
1079								Driver	Right arm injured; mule threw him on back end of car.
1080								Miner	Bruised about body; rock fell on him.
1081								Miner	Stomach injured; mule kicked him.
1082								Track laborer	Face injured; boxing hit him in face.
1083								Miner	Hand injured; had to have it operated on.
1084								Timberman	Right eye injured; rock struck it.
1085								Miner	Piece of coal got in eye.
1086								Miner	Finger injured.
1087								Miner	Side strained by lifting a rock.
1088						1		Track laborer	Arm and side bruised; car turned over and threw him out.
1089						1		Track laborer	Left leg bruised; motor car turned over.
1090						1		Track foreman	Body bruised; car turned over.
1091		1					Harvey	Yardman	Head cut and arm broken by fall of rock.
1092								Miner	Left leg injured; chunk of coal fell on him.
1093								Miner	Piece of rock hit him over eye.
1094								Coal loader	Left foot bruised; coal fell on it.
1095								Shot-firer	Lungs affected by afterdamp from explosion.
1096								Water man	Finger injured while handling water barrels.
1097								Coal loader	Finger mashed; box went down on his hand.
1098						1		Section man	Toe mashed; tie fell on it.
1099							Dunn	Shot-firer	Burned slightly; shot went off while lighting fuse.
1100								Miner	Back bruised when rock fell.
1101								Cager	Two ribs broken; fell against pit car.
1102		1						Fireman	Burned side and leg by falling against boiler.
1103								Fireman	Foot broken; got foot caught in drum of engine.
1104						1		Oilier	Two fingers mashed by rails.
1105		1						Ground man	Left arm broken; fell from shovel.
1106			1					Ground man	Shoulder bruised; rock fell from high wall.
1107						1		Driver	Bruised foot and ankle; caught foot against car.
1108							Harvey, Keegan	Miner	Back injured; fall of rock.

Mine Inspection Department.

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Totals. 2 15 21 4 5 41

Total accidents in under-ground workings. 980

Total accidents in shaft. 18

Total accidents in surface shops and plant. 110

Grand total. 1,108

PART II.
MINE RESCUE DEPARTMENT.

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PERSONNEL OF STATE MINE RESCUE DEPARTMENT

Ex Officio Superintendent of Rescue Stations

JAMES SHERWOOD Pittsburg.

Assistant Superintendents of Rescue Stations.

GEO. B. DINNEEN Pittsburg.

WILLIAM HISLOP Arma.

GEORGE COPELAND Scammon.

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LETTER OF TRANSMITTAL.

PITTSBURG, KAN., May 1, 1921.

*Hon. John H. Crawford, Commissioner of Labor and Industry,
Topeka, Kan.:*

DEAR SIR—I have the honor to submit to you herewith, for transmittal to Hon. Henry J. Allen, governor, and the legislature of the state of Kansas, report covering the activities of the Kansas State Mine Rescue Department for the calendar year ending December 31, 1920.

Respectfully submitted,

JAMES SHERWOOD,
Ex Officio Superintendent of Mine Rescue Stations.

LETTER OF TRANSMITTAL.

TOPEKA, KAN., May 9, 1921.

Hon. Henry J. Allen, Governor, Topeka, Kan.:

DEAR SIR—I beg leave to submit herewith, report of James Sherwood, *ex officio* superintendent of Mine Rescue Stations, which report sets forth the activities of the Mine Rescue Department during the calendar year ending December 31, 1920.

Respectfully submitted,

JOHN H. CRAWFORD.
Commissioner of Labor and Industry.

State inspector of coal mines reports

Report of Mine Rescue Department.

NEW MINE-RESCUE STATION.

At the 1919 session of the legislature of the state of Kansas \$20,000 was appropriated for the purpose of erecting a building in Pittsburg to be used as headquarters of the State Mine Inspection and Mine Rescue Departments. After bids had been submitted it was found that the lowest bid was several thousand dollars more than the amount appropriated, and the plans for building this rescue station had to be laid aside. However, at a special session of the legislature in January, 1920, the matter was again brought up, and an additional \$12,000 was appropriated for the purpose of erecting this building. Bids were opened for a second time, and after all bids had been submitted it was found that the lowest bid in this case was about \$3,000 more than the total amount of both appropriations. It was then decided to solicit the business men and coal operators of the city of Pittsburg, and within one day a sufficient amount had been pledged to cover the additional cost.

Construction work on the building was started immediately, and in October, 1920, the building was completed and ready for occupation. The site chosen for the building was on the north side of the State Manual Training Normal School campus at Pittsburg.

The lower floor of the building is composed of an office room for the superintendent of the Central Mine Rescue Station, a storeroom where the first-aid and mine-rescue equipment is kept, a garage for the mine-rescue truck, and a large classroom where night classes in mining are held every Monday night, and where the examinations are held by the State Mining Examining Board.

The upper floor is composed of an office room for the state mine inspector, an office room for the clerk, an office room for the stenographer, a toilet, and a large laboratory room. This laboratory is not fully equipped at the present time, but it is the intention at some time in the future to equip this laboratory for analyzing mine air and coal dust, and for the purpose of conducting general research work in the mining industry of Kansas, and at some later date, if possible, to purchase a complete library of mining books, so as to make the Mine Inspection and Mine Rescue Departments of the state of Kansas more of a benefit to the mining public. At the present time our laboratory is equipped with a Burrell gas-analysis machine for testing mine air.

In this Rescue Station building the people of the state of Kansas have something of which they may well feel proud, and we are of the opinion that the Mine Inspection and Mine Rescue Departments of the state of Kansas have the most comfortable quarters of any department in the United States.

Mine Rescue Department.

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RELATION OF THE MINE RESCUE DEPARTMENT TO THE MINE INSPECTION DEPARTMENT.

The superintendents of each of the three rescue stations in Kansas are under the direct supervision of the state mine inspector, who is *ex officio* superintendent of Mine Rescue Stations.

In the event of a disaster it is so arranged that the state mine inspector and his deputies are immediately notified by the superintendent of the Rescue Station, who receives the call to the explosion, and both the mine inspectors and the rescue men immediately repair to the mine.

The state mine inspector or one of his deputies immediately takes control of the operations on the surface of the mine, sees that some means of ventilation is provided, and enters the mine by the downcast shaft, if possible, and establishes a fresh air base. The superintendents of the Rescue Stations enter the mine with oxygen breathing apparatus and begin explorations in the workings of the mine, they having full and complete control of the work being performed while so exploring the mine.

The system has been established of having the night men at all of the large mines in the southeastern Kansas district call the Mine Rescue Station when the shot firers at each respective mine have finished their work. A record of these calls is kept in the office, and when all have reported out, the superintendent of Rescue Station is relieved of active service for the night.

In order to do training in first-aid and mine-rescue work it is necessary that the superintendent of stations arrange an itinerary and hold his classes in the evening after the miners have completed their day's work. This is the time when the shot firers are performing their duties, and the superintendent should be at his post in the office awaiting calls. Therefore, it has been arranged that when the superintendent of the Rescue Station is out giving first-aid and mine-rescue training some member of the Mine Inspection Department remains in the office until all the shot firers are reported out, and in case a call should be received at the Rescue Station at such a time, it is arranged to call the superintendent of the Rescue Station wherever he may be training.

FIRST-AID AND MINE-RESCUE WORK IN KANSAS.

First-aid and mine-rescue work in the state of Kansas has progressed rapidly during the year 1920. During last year 62 men received first-aid certificates from the State Mine Rescue Department, and 43 men received mine-rescue certificates from the State Mine Rescue Department. However, there were a great many more men received some training in first aid and mine rescue, but they did not complete the course prescribed by the Mine Rescue Department, and therefore were not entitled to certificates. The list of men who received certificates in first aid and mine rescue is as follows:



LIST OF MEN WHO RECEIVED FIRST-AID CERTIFICATES DURING 1920.

NAME.	Address.	Occupation.	Date issued.
Barbero, Alex.	Pittsburg, Route 1.	Factory worker.	April 22
Barbero, Mike.	Pittsburg, Route 1.	Miner.	April 22
Bell, George.	Ringo.	Miner.	March 13
Bell, Joe.	Ringo.	Miner.	March 13
Benedict, Joseph.	Frontenac.	First-aid miner.	March 16
Berger, Joe.	Pittsburg, Route 1.	Miner.	April 22
Besson, D.	Pittsburg.	Miner.	April 22
Besson, L.	Pittsburg, Route 1.	Miner.	April 22
Brassart, Alex.	Pittsburg, Route 1.	Miner.	April 22
Brassart, Paul.	Frontenac.	Miner.	March 31
Brennan, Walter C.	Pittsburg.	Student.	June 26
Bruno, Dominic.	Scammon, Route 1.	Miner.	April 22
Carpino, Tony.	Girard, Route 1.	Miner.	March 16
Cook, Archie.	Pittsburg.	Miner.	April 22
Costa, Mike.	Arma.	Student.	July 21
Cote, William.	Arma.	Student.	July 21
Croker, Paul.	Arma.	Student.	June 26
DeCuyper, Ferdinand.	Arma.	Student.	July 21
Dover, Charles.	Arma.	Student.	June 26
Dunham, A. T.	Pittsburg.	Professor.	June 26
Duval, Gaston.	Pittsburg.	Student.	April 22
Faletti, Pete.	Pittsburg, Route 1.	Miner.	April 22
Fern, Bernard H.	Scammon, Route 1.	Miner.	April 22
Fern, John P.	Scammon, Route 1.	Miner.	April 22
Fitzpatrick, James C.	Gillespie, Ill.	Inspector, associated companies.	Dec. 10
Frazer, John T.	Arma.	Minister.	July 21
Gervese, James.	Scammon, Route 1.	Miner.	April 22
Goodin, Edward.	Pittsburg, Route 1.	Miner.	April 22
Gossiaux, Eony.	Pittsburg.	Miner.	April 22
Hawker, Marvin.	Arma.	Student.	July 21
Herbine, Leon.	Pittsburg.	Miner.	April 22
Hill, Frank P.	Arma.	Student.	July 21
Hook, Bert.	Ringo.	Miner.	March 16
Hope, James.	Albia, Iowa.	Student.	June 26
Keegan, P. E.	Pittsburg.	Stenographer.	June 26
Koesterer, Edwin.	Pittsburg.	Student.	June 26
Kramer, Paul.	Girard, Route 3.	Miner.	March 13
LeRoy, C. J.	Girard.	Miner.	June 26
Lewis, L. C.	Pittsburg.	Student.	March 16
Martingane, Joseph.	Ringo.	Miner.	March 13
McAllister, Alex., Jr.	Ringo.	Miner.	June 26
McCleney, John.	Pittsburg.	Student.	June 26
Newberry, Charles A.	Pittsburg.	Student.	June 26
Owen, Cassie.	Pittsburg.	Student.	July 21
Palmer, Floyd.	Arma.	Student.	July 21
Palmer, Roy.	Arma.	Student.	June 26
Paoli, Guido.	Pittsburg.	Clerk.	June 26
Perkins, C. E.	Pittsburg.	Miner.	April 22
Poterpin, Frank.	Pittsburg.	Miner.	March 13
Poyer, Angelo.	Ringo.	Student.	July 21
Reeves, Elmer.	Arma.	Miner.	March 16
Roth, Matt.	Ringo.	Miner.	March 16
Salzman, Joe.	Pittsburg.	Student.	June 26
Sandwith, Alfred.	Pittsburg.	Gas man.	April 22
Savite, Anthony.	Scammon.	Miner.	March 16
Seccanne, Lewis A.	Ringo.	Miner.	June 26
Sheridan, Clyde.	Pittsburg.	Student.	March 16
Stimac, Mike.	Ringo.	Miner.	June 26
Thomas, David.	Pittsburg.	Student.	June 26
Thompson, John.	Scammon, Route 1.	Mine operator.	April 22
Wilson, D. L.	Pittsburg.	Miner.	April 22
Zuconi, Joe.	Pittsburg.	Miner.	April 22



Mine Rescue Department.

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LIST OF MEN WHO RECEIVED MINE-RESCUE CERTIFICATES DURING 1920.

NAME.	Address.	Occupation.	Date issued.
Bell, George.....	Ringo.....	Miner.....	March 13
Bell, Joe.....	Ringo.....	Miner.....	March 13
Benedict, Joseph.....	Frontenac.....	First-aid miner.....	March 16
Berger, Joe.....	Pittsburg, Route 1.....	Miner.....	April 22
Beveridge, William.....	Franklin.....	Mine foreman.....	Feb. 28
Brassart, Alex.....	Pittsburg, Route 1.....	Miner.....	April 22
Brassart, Paul.....	Pittsburg, Route 1.....	Miner.....	April 22
Brennan, Walter C.....	Frontenac.....	Miner.....	April 22
Bruno, Dominic.....	Pittsburg.....	Student.....	June 26
Cook, Archie.....	Girard, Route 3.....	Miner.....	March 16
DeCuyper, Ferdinand.....	Arma.....	Student.....	June 26
Dunham, A. T.....	Pittsburg.....	Professor.....	June 26
Duval, Gaston.....	Pittsburg.....	Student.....	June 26
Faletti, Pete.....	Pittsburg.....	Miner.....	April 22
Goodin, Edward.....	Pittsburg.....	Miner.....	April 22
Gossiaux, Eony.....	Pittsburg, Route 1.....	Miner.....	April 22
Herbine, Leon.....	Pittsburg.....	Miner.....	April 22
Hook, Bert.....	Ringo.....	Miner.....	March 16
Hope, James.....	Albia, Iowa.....	Student.....	June 26
Keegan, P. E.....	Pittsburg.....	Stenographer.....	June 26
Koesterer, Edwin.....	Pittsburg.....	Student.....	June 26
Kramer, Paul.....	Girard.....	Miner.....	March 15
LeRoy, C. J.....	Ringo.....	Miner.....	March 13
Lewis, L. C.....	Pittsburg.....	Student.....	June 26
Martingane, Joseph.....	Ringo.....	Miner.....	March 16
McAllister, Alex., Jr.....	Ringo.....	Miner.....	March 13
McCleney, John.....	Pittsburg.....	Student.....	June 26
McQueen, George.....	Franklin.....	Mine foreman.....	Feb. 28
Newberry, Charles A.....	Pittsburg.....	Student.....	June 26
Owen, Cassie.....	Pittsburg.....	Student.....	June 26
Paoli, Guido.....	Pittsburg.....	Student.....	June 26
Perkins, C. E.....	Pittsburg.....	Clerk.....	June 26
Poyer, Angelo.....	Ringo.....	Miner.....	March 13
Roth, Matt.....	Ringo.....	Miner.....	March 16
Salzman, Joe.....	Ringo.....	Miner.....	March 16
Sandwith, Alfred.....	Pittsburg.....	Student.....	June 26
Secane, Lewis A.....	Ringo.....	Miner.....	March 16
Sheridan, Clyde.....	Pittsburg.....	Student.....	June 26
Skerbine, Fred.....	Frontenac.....	Miner.....	March 31
Stimac, Mike.....	Ringo.....	Miner.....	March 16
Thomas, David.....	Pittsburg.....	Student.....	June 26
Wayenburg, John.....	Franklin.....	Mine foreman.....	Feb. 28
Wilson, D. L.....	Pittsburg.....	Miner.....	April 22

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Department of Labor and Industry.

During the year 1920 the Mine Rescue Stations received calls to render assistance in six explosions, but unfortunately in all of these explosions, except one, the shot firer or shot firers were dead when the rescue crew arrived.

On January 3, 1920, at 4:55 p. m., a call was received at the State Mine Rescue Station at Pittsburg advising that an explosion had occurred at mine No. 9 of the Hamilton Coal and Mercantile Company. Geo. B. Dinneen, superintendent of the Central Mine Rescue Station, and James Sherwood, state mine inspector, responded immediately to the call, arriving at the mine twenty-five minutes after the explosion occurred, after a drive of seven and one-half miles. While preparations were being made to enter the mine with breathing apparatus, a volunteer rescue party from the mine, who had gone down the mine immediately after the explosion occurred, brought the shot firers on top. Both shot firers, Ed Beard and Steve Teslavic, were severely burned, but both were alive and conversed freely while their injuries were being dressed by a physician who had been called, and by Geo. B. Dinneen, superintendent of the Central Mine Rescue Station. The shot firers were brought to Mt. Carmel Hospital at Pittsburg. Ed Beard died at 3:30 p. m., January 7, 1920, and Steve Teslavic died at 6:30 a. m., January 8, 1920, as a result of their injuries.

On January 24, 1920, at 3:32 p. m., a call was received at the Central Mine Rescue Station at Pittsburg, advising that an explosion had occurred at mine No. 18 of the Western Coal and Mining Company. The call was immediately answered by a crew from the Central Mine Rescue Station, in charge of Geo. B. Dinneen, superintendent of the Central Rescue Station, and James Sherwood, state mine inspector. On account of the extremely rough, frozen roads, the crew was somewhat delayed, arriving at the mine at 4:15 p. m., after a drive of ten miles. When they arrived at the mine it was learned that Isaac Holdman, a shot firer, had met with an accident while firing shots, and that a volunteer rescue party had found him and brought him to a fresh-air base in the main east entry, where they were applying artificial respiration. The crew from the Central Mine Rescue Station, consisting of James Sherwood, state mine inspector; Geo. B. Dinneen, superintendent of the Central Mine Rescue Station; John Gore, deputy state mine inspector, and Blaine Dunlap, immediately entered the mine, taking two inhalators, and repaired to where the volunteer rescue crew had taken the shot firer. Artificial respiration was applied for about an hour, when Dr. B. F. Theis, of Arma, who had previously been called, pronounced him dead.

A call was received at the Central Mine Rescue Station at Pittsburg on the evening of March 1, 1920, advising that an accident had occurred to one of the shot firers at mine No. 50 of the Central Coal and Coke Company. This call was answered by a crew from the Central Rescue Station and from the Arma Rescue Station. The shot firer had been found by some men from the mine, and was treated and brought to his home, where he rapidly recovered.

It was reported to the office of the State Mine Rescue Station at Pittsburg at 10:10 p. m., May 25, 1920, that an explosion had occurred at mine No. 51 of the Central Coal and Coke Company, and that one of the shot firers was still in the mine. Immediately upon receipt of this information, James Sherwood, state mine inspector; Geo. B. Dinneen, superintendent of the Central Mine Rescue Station, and John Gore, deputy state mine inspector, repaired to the mine. However, on arrival at the mine it was found that a volunteer rescue party had found the shot firer, Ed McCormick, and was bringing him out of the mine, and that he was dead when found.

On December 1, 1920, at 5 p. m., a call was received at the Central Mine Rescue Station at Pittsburg and at the Scammon Mine Rescue Station at Scammon, advising that an explosion had occurred at mine No. 21 of the Western Coal and Mining Company. A crew from the Central Mine Rescue Station hastened to the mine, and as the main road to Scammon was closed for repairs it was necessary to detour one mile in order to get to the mine. The roads were in a very bad condition at this time, but notwithstanding the

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Mine Rescue Department.

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unfavorable condition of the roads the crew arrived at the mine at 5:50 p. m., fifty minutes after the call was received, after driving a distance of about seventeen miles. A volunteer rescue party had found one of the shot firers, Francisco Petromale, who had made his way to the bottom of the air shaft. The other shot firer, Arthur Wooten, was still in the mine and the volunteer rescue party had not yet reached him. The crew from the Rescue Department, headed by James Sherwood, state mine inspector, immediately entered the mine and found the shot firer in the second north off the first west on the south side of the mine. The shot firer was taken to fresh air, where artificial respiration was applied for about thirty minutes, when the doctor pronounced him dead. It was just one hour and twenty minutes from the time the call was received until the shot firer had been removed to fresh air.

On December 20, 1920, an explosion occurred at mine No. 9 of the Hamilton Coal and Mercantile Company. The call was not received at the Central Mine Rescue Station and at the Scammon Mine Rescue Station until about forty-five minutes after the explosion occurred. Geo. B. Dinneen, superintendent of the Central Mine Rescue Station, and James Sherwood, state mine inspector, immediately repaired to the mine from the Pittsburg station and George Farrimond from the Scammon station. When the crew from the Pittsburg station arrived at the mine there was a volunteer rescue crew searching for the shot firers, but so far as was known had not found them. Mr. Dinneen and Mr. Sherwood immediately entered the mine with breathing apparatus, and as no one on top knew on which side of the mine the shot firers were working when the explosion occurred, they began to explore the west side, and seeing that the disturbance did not come from that side, came back and went over the east side, where the volunteer rescue party had just found the two shot firers, Roy and Walter Jackson, brothers. These shot firers had been in a doghole when the explosion occurred, and in attempting to get out of the doghole had been suffocated by the afterdamp of the explosion, and were dead when found.



COURT OF INDUSTRIAL RELATIONS
STATE OF KANSAS

ANNUAL REPORT *of*
COAL MINE INSPECTION
and MINE RESCUE DEPARTMENTS



1921

JAMES SHERWOOD
Mine Inspector

PRINTED BY KANSAS STATE PRINTING PLANT
B. P. WALKER, STATE PRINTER
TOPEKA 1922

9-3545



COURT OF INDUSTRIAL RELATIONS
STATE OF KANSAS

ANNUAL REPORT

OF

Coal Mine Inspection and Mine Rescue Departments

1921

JAMES SHERWOOD
Mine Inspector



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B. P. WALKER, STATE PRINTER
TOPEKA 1922
9-3545



ACKNOWLEDGMENTS.

In presenting this report to the public I desire to embrace this opportunity to express my sincere thanks and appreciation to all those who have in any way assisted me in the performance of the duties of this office.

Acknowledgments are especially due to the deputy mine inspectors, William Glennon, John Gilday, Peter H. White and Matt Dunn, for the efficiency which they displayed in the discharge of the difficult and complicated duties devolving upon them and for their untiring efforts in the enforcement of the mining laws of the state.

JAMES SHERWOOD,
*Chief Engineer of Mining, in charge of
Mine Inspection Department.*



PART ONE.

REPORT OF COAL MINE INSPECTION DEPARTMENT.

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PART ONE.

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PART TWO.

REPORT OF STATE MINE RESCUE DEPARTMENT.

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LETTER OF TRANSMITTAL.

PITTSBURG, KAN., April 12, 1921.

*Hon. John H. Crawford,
Judge, Court of Industrial Relations,
Topeka, Kan.:*

DEAR SIR—I have the honor to submit herewith to you, and through you to the Hon. Henry J. Allen, governor of the state of Kansas, and to the honorable legislature, report of the Coal-mine Inspection Department of the state for the calendar year ending December 31, 1921.

Respectfully submitted,

JAMES SHERWOOD,
*Chief Engineer of Mining, in charge of
Mine Inspection Department.*

LETTER OF TRANSMITTAL.

*To the Honorable Henry J. Allen, Governor, and the Legislature
of the State of Kansas:*

SIR—I have the honor to submit to you herewith report of James Sherwood, chief engineer of mining in charge of Mine Inspection Department, for the calendar year ending December 31, 1921, containing statistics and other information deemed valuable to the mining industry.

Very respectfully,

JOHN H. CRAWFORD,
Judge, Court of Industrial Relations.

PERSONNEL OF COAL MINE INSPECTION DEPARTMENT STATE OF KANSAS

Chief Engineer of Mining, in charge of Mine Inspection Department.

JAMES SHERWOOD Pittsburg.

Deputy State Mine Inspectors.

WILLIAM GLENNON Pittsburg.

JOHN GILDAY Frontenac.

PETER H. WHITE Weir City.

MATT DUNN Burlingame.

Clerk.

P. E. KEEGAN Pittsburg.

Stenographer.

ELIZABETH KOTZMAN Frontenac.

CHANGES IN OFFICIALS DURING 1921.

P. E. Keegan, stenographer, was appointed clerk April 1, 1921, to succeed C. E. Perkins, resigned.

Elizabeth Kotzman was appointed stenographer April 1, 1921, to succeed P. E. Keegan.

REPORT OF COAL MINE INSPECTION DEPARTMENT.

INTRODUCTORY.

The coal production of the state of Kansas for the calendar year ending December 31, 1921, was 4,028,624.22 tons, which was 2,101,716.99 tons less than the production of the state for the year 1920. This decrease in production is accounted for by the fact that during the year 1920 the mines worked an average of 202 days, while during the year 1921 the mines worked an average of 151 days. There were 10,416 men employed in the coal mines of Kansas during the year 1921. Of this number 6,897 were miners, 2,003 were underground day men, and 1,516 were top men. There were 14 fatal accidents during the year 1921, or one fatal accident for every 287,758.87 tons of coal mined. There were 740 nonfatal accidents in the Kansas coal mines during the year 1921, or one nonfatal accident for every 5,984.62 tons of coal mined. There were 221,842 twenty-five-pound kegs of powder and 2,046,178 pounds of dynamite used during 1921.

CRAWFORD COUNTY DEEP MINES.

Crawford county ranks first in the matter of coal production. During the year 1921 there were 152 shaft, slope and drift mines in operation in Crawford county. These mines produced 2,769,998.67 tons of coal and gave employment to 7,017 men. They worked an average of 146 days during 1921 and used 182,307 twenty-five-pound kegs of black powder and 1,820,685 pounds of dynamite. There were 10 fatal accidents and 704 nonfatal accidents in the Crawford county shaft, slope and drift mines during 1921. These mines average 81 feet in depth, and the average height of the coal is 3 feet, 4 inches.

CRAWFORD COUNTY STRIP MINES.

The strip-mining industry of Crawford county is gradually on the decline. A great many of the large steam-shovel mines which have been operating in Crawford county are moving across the state line into Missouri, and quite a number are being abandoned. There were 14 strip-pit operations in Crawford county, and of this number 8 were steam shovels, while the balance were team strip pits. These mines produced 162,627.96 tons of coal and gave employment to 275 men. These strip pits worked an average of 123 days and used 2,480 twenty-five-pound kegs of powder and 14,227 pounds of dynamite. There were no fatal accidents in the strip pits of Crawford county during 1921, and only 2 nonfatal accidents were reported. The average height of coal being worked by these strip pits is 2 feet, 3 inches.

CHEROKEE COUNTY DEEP MINES.

Cherokee county ranks second in the matter of coal production. A total of 89 shaft, slope and drift mines were in operation during 1921, producing 403,805.14 tons of coal and employing 1,135 men. These mines worked an



average of 120 days and used 30,489 twenty-five-pound kegs of powder and 179,895 pounds of dynamite. There was 1 fatal accident and 28 nonfatal accidents in these mines during 1921. The Cherokee county deep mines average 43 feet in depth, and the average height of coal is 3 feet, 6 inches.

CHEROKEE COUNTY STRIP MINES.

There were 17 strip mines in operation in Cherokee county during the year 1921, which mines produced 207,194.85 tons of coal and gave employment to 283 men, working an average of 91 days. There was 1 fatal accident and 1 nonfatal accident in the Cherokee county strip mines during 1921. There were 2,186 twenty-five-pound kegs of powder and 16,269 pounds of dynamite used. The coal being worked by these strip mines averaged 2 feet 11 inches in thickness.

LEAVENWORTH COUNTY DEEP MINES.

Leavenworth county is the third largest producing county in the state. The production of Leavenworth county for the year 1921 amounted to 184,308 tons. The mines of this county gave employment to 670 men and worked an average of 211 days. There were four mines in operation in this county. There were 8 twenty-five-pound kegs of powder and 2,494 pounds of dynamite used. The mines in this county are all shaft mines and average 715 feet in depth. The average thickness of the coal is 1 foot, 10 inches.

OSAGE COUNTY DEEP MINES.

The coal production of Osage county for the year 1921 amounted to 70,612.35 tons. The mines of this county gave employment to 545 men and worked an average of 136 days. There were 26 mines in operation in Osage county during 1921, all of which were shaft openings. A total of 2,904 pounds of dynamite were used. These mines average 80 feet in depth and the average thickness of the coal is 17 inches.

LINN COUNTY DEEP MINES.

There were 15 mines in operation in Linn county during 1921, and these mines produced 38,577.25 tons of coal, giving employment to 179 men and working an average of 166 days. There were 2,426 twenty-five-pound kegs of powder and 3,504 pounds of dynamite used. The average depth of the mines in this county is 81 feet, and the coal averages 2 feet, 10 inches in height. There was 1 fatal accident in Linn county during 1921.

BOURBON COUNTY DEEP MINES.

There were 7 small mines in operation in Bourbon county. These mines produced 36,500 tons of coal and furnished employment for 48 men, working an average of 219 days. These are small mines supplying local trade in the vicinity of Fort Scott. These mines average 21 feet in depth, and the coal averages 20 inches in height.

BOURBON COUNTY STRIP MINES.

There were two strip mines in operation in Bourbon county. These mines produced 1,300 tons of coal and employing 14 men. They worked an average of 150 days. There were 6 twenty-five-pound kegs of powder and 200 pounds of dynamite used.

Mine Inspection Department.

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NEOSHO COUNTY MINES.

There were 7 drift mines in operation in Neosho county during 1921. These mines produced 3,700 tons of coal, employing 25 men. These mines operate in the fall and winter months, supplying the local trade around Thayer and Morehead. There is about 11 feet of overburden overlying the coal seam, and the seam averages about 14 inches in thickness.

PRODUCTION NOT REPORTED.

In addition to the above it is estimated that approximately 150,000 tons of coal are mined in miscellaneous counties and in mines in the foregoing counties that do not report to the Mine Inspection Department.

APPROPRIATIONS AND EXPENDITURES,

STATE MINE INSPECTION DEPARTMENT, FOR THE CALENDAR YEAR ENDING
DECEMBER 31, 1921.

	Fund No.	Amount appropriated.	Amount expended.
January 1, 1921, to March 31, 1921, salary of chief mine inspector	8	\$500.00	\$500.00
April 1, 1921, to December 31, 1921, salary of chief mine inspector	13	2,025.00	2,025.00
Total		<u>\$2,525.00</u>	<u>\$2,525.00</u>
January 1, 1921, to March 31, 1921, salary of sta- tistical clerk	9	\$300.00	\$300.00
April 1, 1921, to December 31, 1921, salary of sta- tistical clerk	16	900.00	900.00
Total		<u>\$1,200.00</u>	<u>\$1,200.00</u>
January 1, 1921, to March 31, 1921, salary of stenog- rapher	10	\$250.00	\$250.00
April 1, 1921, to December 31, 1921, salary of stenog- rapher	17	900.00	900.00
Total		<u>\$1,150.00</u>	<u>\$1,150.00</u>
January 1, 1921, to March 31, 1921, salary of five deputy mine inspectors	11	\$1,875.00	\$1,875.00
April 1, 1921, to December 31, 1921, salary of five deputy mine inspectors	14	6,750.00	5,400.00
Total		<u>\$8,625.00</u>	<u>\$7,275.00</u>
January 1, 1921, to March 31, 1921, expenses of chief mine inspector and five deputy mine inspectors..	14	\$1,000.00	\$910.77
April 1, 1921, to December 31, 1921, expenses of chief mine inspector and five deputy mine inspectors..	20 Contingent fund.		<u>\$2,395.29</u>



INVENTORY

OF SUPPLIES ON HAND IN MINE INSPECTION DEPARTMENT,
DECEMBER 31, 1921.

- 1 Meilink safe.
- 1 No. 5 Woodstock typewriter.
- 1 Flat-top office desk.
- 1 Murphy revolving office chair.
- 1 Shaw-Walker steel filing cabinet.
- 1 G-F all-steel filing cabinet.
- 3 Sections Globe wooden filing cabinet.
- 1 Small wooden filing cabinet.
- 1 Glass desk pad and inkstand outfit (glass broken).
- 1 Typewriter desk.
- 1 Revolving office chair.
- 1 No. 8 Rotary Neostyle (mimeograph).
- 1 Boston pencil sharpener.
- 1 Cabinet for stationery, supplies, etc.
- 1 Roll-top desk.
- 1 Flat-top desk.
- 1 Glass desk pad and inkstand.
- 3 Office chairs.
- 2 4-section bookcases.
- 1 Bump paper fastener.
- 2 6-inch fans.
- 1 Hotchkiss paper fastener, No. 1.
- 2 Wilton rugs, 9 x 12.
- 1 Roll-top desk.
- 1 Moving-picture machine.
- 1 Burrell gas-analysis machine.
- 1 Co Detector (30 extra detector tubes).
- 1 3-inch Tyco anemometer in leather case.
- 1 4-inch K. & E. anemometer in leather case.
- 1 3-inch Davis anemometer in leather case.
- 2 4-inch Davis anemometers in leather case.
- 1 3-inch anemometer in wooden case (out of repair).
- 1 Extra leather case for 3-inch anemometer.
- 1 Sling psychrometer in aluminum sheath and leather sling case.
- 2 CH₄ detectors.
- 1 Hygrometer (wet bulb broken).
- 20 Student chairs.
- 24 Folding chairs.
- 1 Table.
- 1 Office chair.
- 4 Chairs.
- 1 Safety-lamp testing cabinet.
- 5 Koehler safety lamps.
- 2 CO₂ detectors.
- 36 Window shades.
- 1 No. 4 Underwood typewriter.
- 1,500 Lbs. test weights.

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RECORD OF INSPECTIONS.

TOTAL NUMBER OF INSPECTIONS AND INVESTIGATIONS AND MILES TRAVELED,
BY MONTHS, DURING THE YEAR 1921.

MONTH.	Nature of inspection.					Miles traveled.
	Accident.	Scale.	Special.	General.	Total.	
January.....	4	13	66	18	101	1,680½
February.....	7	20	31	15	73	1,086
March.....	7	7	45	22	81	1,407½
April.....	12	8	28	19	67	1,195
May.....	7	6	48	22	83	923
June.....	8	11	55	10	84	1,030½
July.....	5	16	47	12	80	1,435
August.....	2	20	68	17	107	1,279
September.....	10	5	78	13	106	2,016
October.....		17	8	13	38	616½
November.....	4	13	65	9	91	1,438
December.....	2	6	55	7	70	652
Totals.....	68	142	594	177	981	14,759

TOTAL NUMBER OF INSPECTIONS AND INVESTIGATIONS AND MILES TRAVELED
BY ALL INSPECTORS DURING THE YEAR 1921.

NAME OF INSPECTOR.	Nature of inspection.					Miles traveled.
	Accident.	Scale.	Special.	General.	Total.	
James Sherwood.....	21	12	119	11	163	4,370
William Glennon.....	19	27	170	27	243	3,861
William Harvey.....			3		3	23
John Gilday.....	16	23	111	22	172	2,100½
Peter H. White.....	11	23	164	38	236	2,540½
Matt Dunn.....	1	57	27	79	164	1,864
Totals.....	68	142	594	177	981	14,759



NUMBER AND CLASS OF INSPECTIONS AND NUMBER OF MILES TRAVELED
EACH MONTH BY EACH INSPECTOR, DURING 1921.

NAME OF INSPECTOR AND MONTH.	Accident.	Scale.	Special.	General.	Total.	Miles.
James Sherwood:						
January.....	1		9	3	13	324
February.....	1		9		10	175
March.....	3	2	11	1	17	425
April.....	3		6		9	459
May.....	4	2	12	3	21	385
June.....	3	5	13	1	22	312
July.....	1		6		7	252
August.....			13	3	16	270
September.....	4	1	20		25	718
October.....		1	6		7	358
November.....	1	1	6		8	614
December.....			8		8	78
Totals.....	21	12	119	11	163	4,370
William Glennon:						
January.....	2	2	13	4	21	436½
February.....	4	3	10	6	23	389
March.....	1	3	14	7	25	535
April.....	2	4	10	4	20	302
May.....		2	19	3	24	216
June.....	2	2	17		21	354
July.....	1	5	13	1	20	414
August.....	1	5	13	1	20	362
September.....	4	1	20	1	26	408
October.....			1		1	8
November.....	1		22		23	174
December.....	1		18		19	262½
Totals.....	19	27	170	27	243	3,861
William Harvey:						
January.....			3		3	23
John Gilday:						
January.....		3	11	3	17	194
February.....	2	8	4	2	16	293
March.....	2	2	7	5	16	241
April.....	5	1	8	4	18	227
May.....	3	1	9	3	16	117
June.....		2	14	3	19	229
July.....	2	2	12	2	18	207½
August.....	1	3	19		23	272
September.....		1	19		20	247
December.....	1		8		9	73
Totals.....	16	23	114	22	175	2,123½
Peter H. White:						
January.....		6	17		23	341½
February.....		4	8	2	14	143½
March.....	1		10	6	17	168½
April.....	2	3	4	11	20	207
May.....		1	8	13	22	205
June.....	3	1	11	2	17	125
July.....	1		11	1	13	171
August.....		4	20		24	214
September.....	2	2	17	3	24	276
November.....	2	2	37		41	550
December.....			21		21	139
Totals.....	11	23	164	38	236	2,540½
Matt Dunn:						
January.....	1	2	13	8	24	361½
February.....		5		5	10	85½
March.....			3	3	6	38
June.....		1		4	5	10½
July.....		9	5	8	22	390½
August.....		8	3	13	24	161
September.....			2	9	11	367
October.....		16	1	13	30	250½
November.....		10		9	19	100
December.....		6		7	13	99½
Totals.....	1	57	27	79	164	1,864

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MINE INSPECTIONS AND INVESTIGATIONS.

Made by State Mine Inspector James Sherwood, during the month of January, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Jan. 4	Western Coal & Mining Co.	18	Special	18
2	5	Western Coal & Mining Co.	16	General	18
3	6	Hamilton Coal & Mercantile Co.	6	Special	18
4	7	Wear Coal Co.	21	Special	20
5	17	Girard Coal Co.	7	Special	23
6	17	Central Coal & Coke Co.	51	Special	19
7	19	Western Coal & Mining Co.	15	General	130
8	20	Walthour Coal Co.		Special	18
9	21	American Eagle Coal Co.		General	26
10	26	Western Coal & Mining Co.	16	Special	8
11	27	Crowe Coal & Mining Co.	16	Special	26
12	28	Mertz Bros. Coal Co.		Accident	8
13	29	Crowe Coal & Mining Co.	16	Special	26
Total miles traveled.					324

Total number of accidents investigated.	1
Total number of scale inspections.	0
Total number of special inspections.	9
Total number of general inspections.	3
Total inspections and investigations.	13

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, February, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Feb. 3	Sheridan Coal Co.	18	Special	36
2	3	Patton Coal Co.	5	Special	
3	3	Star Coal Co.	1	Special	
4	7	Jackson-Walker Coal & Mining Co.	16	Special	12
5	8	Jackson-Walker Coal & Mining Co.	15	Special	10
6	9	Wear Coal Co.	21	Special	20
7	12	Katy Coal Co.	2	Accident	13
8	18	Spencer-Newlands Coal Co.	7	Special	32
9	23	Western Coal & Mining Co.	13	Special	18
10	26	Russell Coal Co.	11	Special	34
Total miles traveled.					175

Total number of accidents investigated.	1
Total number of scale inspections.	0
Total number of special inspections.	9
Total number of general inspections.	0
Total inspections and investigations.	10



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Court of Industrial Relations.

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED. James Sherwood, February, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Mar. 2	Western Coal & Mining Co.	19	Special	22
2	3	Star Coal & Mining Co.	1	General	8
3	4	Kaw Valley Coal & Mining Co.		Scale	155
4	5	Kaw Valley Coal & Mining Co.		Scale	
5	8	Russell Coal Co.	11	Accident	34
6	10	Grassi Coal Co.		Special	
7	10	Tavernero & Darigo Coal Co.		Special	8
8	10	Brown Bros. Coal Co.		Special	
9	10	L. C. Stephenson Coal Co.		Special	
10	12	Mineral Coal Co.		Accident	42
11	14	Young Coal Co.	1	Special	20
12	15	Western Coal & Mining Co.	15	Special	19
13	21	Dave Simion Coal Co.		Special	4
14	26	Russell Coal Co.	7	Special	28
15	28	Whitehead Coal Co.		Special	30
16	28	Crowe Coal & Mining Co.		Accident	27
17	29	Russell Coal Co.	7	Special	28
Total miles traveled.					425

Total number of accidents investigated	3
Total number of scale inspections	2
Total number of special inspections	11
Total number of general inspections	1
Total inspections and investigations	17

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED. James Sherwood, April, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Apr. 4	Russell Coal Co.	7	Special	28
2	5	Sheridan Coal Co.	19	Special	34
3	14	Clemens Coal Co.	18	Special	10
4	16	Central Coal & Coke Co.	45	Accident	19
5	19	Kansas Penitentiary mine		Special	
6	20	Kansas Penitentiary mine		Special	344
7	21	Carr Coal Mining & Manufacturing Co.		Special	
8	29	Jackson-Walker Coal & Mining Co.	16	Accident	12
9	30	Jackson-Walker Coal & Mining Co.	16	Accident	12
Total miles traveled.					459

Total number of accidents investigated	3
Total number of scale inspections	0
Total number of special inspections	6
Total number of general inspections	0
Total inspections and investigations	9



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MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.
James Sherwood, May, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	May 2	Jackson-Walker Coal & Mining Co.	16	Special	12
2	4	Central Coal & Coke Co.	51	Special	22
3	4	Central Coal & Coke Co.	50	Special	
4	7	North Iowa Coal Co.		Special	
5	8	Pleasanton Coal & Mining Co.		Special	
6	8	Pleasanton Coal & Mining Co.		Tipple scales,	132
7	8	Pleasanton Coal & Mining Co.		Wagon scales.	
8	10	Western Coal & Mining Co.	21	Special	30
9	12	Western Coal & Mining Co.	16	Special	18
10	13	Bailey Coal Co.		General	
11	13	Bevamento Coal Co.		General	44
12	13	LeRoy Coal Co.		General	
13	15	Young Coal Co. (John M.)	9	Special	22
14	20	Ryals & Mizener Coal Co.		Special	10
15	21	Dittman-Wachter Coal Co.	2	Accident	13
16	23	Dittman-Wachter Coal Co.	2	Accident	13
17	25	Patton Coal & Mining Co. (Shovel)		Special	12
18	26	Ryan Coal Co. (Ed.)	20	Special	34
19	27	Kennedy Coal Co.		Special	10
20	28	Dittman-Wachter Coal Co.	2	Accident	13
21	28	Star Coal Co.	1	Accident	
Total miles traveled					385

Total number of accidents investigated	4
Total number of scale inspections	2
Total number of special inspections	12
Total number of general inspections	3
Total inspections and investigations	21

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.
James Sherwood, June, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	June 2	Girard Coal Co.	7	Special	20
2	3	Western Coal & Mining Co.	13	General	
3	3	Western Coal & Mining Co.	13	Scale	18
4	4	Katy Coal Co.	2	Scale	13
5	6	Girard Coal Co.	7	Special	20
6	7	Western Coal & Mining Co.	13	Special	18
7	9	Dittman-Wachter Coal Co.	2	Accident	13
8	9	Dittman-Wachter Coal Co.	2	Scale	
9	10	Dittman-Wachter Coal Co.	2	Special	13
10	12	Sheridan Coal Co.	19	Special	34
11	13	Hamilton Coal & Mercantile Co.	6	Special	18
12	14	Superior Coal & Mining Co.	2	Accident	20
13	15	Sheridan Coal Co.	18	Special	
14	15	Sheridan Coal Co.	18	Scales	36
15	16	Crowe Coal & Mining Co.	15	Special	
16	16	Crowe Coal & Mining Co.	15	Special	
17	16	Patton Coal & Mining Co. (Shovel)	15	Scale	30
18	17	Girard Coal Co.		Special	
19	18	Ferguson & Miller Coal Co.	7	Special	20
20	18	Jackson-Walker Coal & Mining Co.		Accident	5
21	19	Jackson-Walker Coal & Mining Co.	17	Special	16
22	23	Western Coal & Mining Co.	13	Special	18
Total miles traveled					312

Total number of accidents investigated	3
Total number of scale inspections	5
Total number of special inspections	13
Total number of general inspections	1
Total inspections and investigations	22



MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, July, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	July 5	Dittman-Wachter Coal Co.	2	Special	13
2	18	Russell Coal Co.	7	Special	28
3	19	Girard Coal Co.	7	Special	20
4	21	American Eagle Coal Co.		Special	130
5	22	Reliance Coal Co.	2	Accident	15
6	23	Russell Coal Co.	7	Special	28
7	25	Western Coal & Mining Co.	18	Special	18
Total miles traveled					252

Total number of accidents investigated	1
Total number of scale inspections	0
Total number of special inspections	6
Total number of general inspections	0
Total inspections and investigations	7

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

James Sherwood, August, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Aug. 4	Clemens Coal Co.	18	Special	11
2	6	Western Coal & Mining Co.	18	Special	18
3	8	Clemens Coal Co.	17	Special	31
4	9	Russell Coal Co.	4	Special	28
5	12	Girard Coal Co.	7	Special	20
6	16	Spencer-Newlands Coal Co.	7	Special	32
7	16	Big Four Coal Co.	7	General	32
8	17	Spencer-Newlands Coal Co.	7	General	32
9	18	Victor Coal Co.	2	Special	
10	18	Star Coal Co.	2	Special	10
11	18	Davis Coal Co.	2	Special	
12	20	Victor Coal Co.	2	Special	8
13	26	McCune Coal Co.		General	47
14	29	Pittsburg Coal Co.	3	General	12
15	30	Jackson-Walker Coal & Mining Co.	16	Special	12
16	31	Clarence Willey Coal Co.		Special	9
Total miles traveled					270

Total number of accidents investigated	0
Total number of scale inspections	0
Total number of special inspections	13
Total number of general inspections	3
Total inspections and investigations	16



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MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.
James Sherwood, September, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Sept. 1	Jackson-Walker Coal & Mining Co.	16	Special	12
2	7	Ryals Coal Co.		Special	
3	7	Willey & Ferguson Coal Co.		Special	20
4	7	Patton Coal & Mining Co. (Shovel)		Special	
5	7	Whetstone & Feiden Coal Co.		Special	
6	8	Sheridan Coal Co.	3	Special	25
7	9	Hamilton Coal & Mercantile Co.	8	Accident	26
8	9	Central Coal & Coke Co.	51	Accident	
9	13	American Eagle Coal Co.		Special	130
10	13	Linn County Coal Co.		Accident	
11	15	Hamilton Coal & Mercantile Co.	9	Special	15
12	15	Vanduser Coal Co.		Special	42
13	16	Hamilton Coal & Mercantile Co.	9	Special	15
14	19	American Eagle Coal Co.		Special	
15	19	North Iowa Coal Co.		Special	
16	19	Geo. St. James Coal Co.		Special	368
17	19	Pittsburg-Pleasanton Coal Co.		Special	
18	19	Moody & Son Coal Co.		Special	
19	23	Carr Coal Mining & Manufacturing Co.		Scale	
20	26	Sheridan Coal Co.	7	Special	37
21	26	Sheridan Coal Co.	18	Special	
22	27	Wilbert Schreeb Coal Co.	2	Special	7
23	28	Dittman-Wachter Coal Co.	2	Special	
24	28	Dittman-Wachter Coal Co.	2	Accident	13
25	30	Wilbert-Schreeb Coal Co.	3	Special	8
Total miles traveled.					718

Total number of accidents investigated.	4
Total number of scale inspections.	1
Total number of special inspections.	20
Total number of general inspections.	0
Total inspections and investigations.	25

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.
James Sherwood, October, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Oct. 3	Ross Janes Coal Co.		Special	
2	3	Shipman Coal Co.		Special	9
3	3	Comstock Coal Co.		Special	
4	10	Carr Coal Mining & Manufacturing Co.		Special	338
5	10	Carr Coal Mining & Manufacturing Co.		Scale	
6	18	Wilbert-Schreeb Coal Co.	3	Special	8
7	29	Reddick Coal Co.		Special	3
Total miles traveled.					358

Total number of accidents investigated.	0
Total number of scale inspections.	1
Total number of special inspections.	6
Total number of general inspections.	0
Total inspections and investigations.	7



MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.
James Sherwood, November, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Nov. 2	A. C. King Coal Co.		Special.	150
2	7	Carr Coal Mining & Manufacturing Co.		Scales.	343
3	7	Home Riverside Coal Mines Co.		Special.	
4	10	Doubleday Coal Co.	1	Special.	36
5	14	Superior Coal & Mining Co. (Shovel).		Special.	17
6	23	Lively Coal Co.		Accident.	8
7	28	McCune Coal Co.		Special.	44
8	29	Jackson-Walker Coal & Mining Co.	17	Special.	16
Total miles traveled.					614

Total number of accidents investigated.	1
Total number of scale inspections.	1
Total number of special inspections.	6
Total number of general inspections.	0
Total inspections and investigations.	8

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.
James Sherwood, December, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Dec. 1	Phillips & Fisher Coal Co.		Special.	6
2	5	Katy Coal Co.	2	Special.	16
3	5	Jackson-Walker Coal & Mining Co.	15	Special.	
4	6	Central Coal & Coke Co.	45	Special.	19
5	6	Mertz Bros. Coal Co.		Special.	8
6	7	Wilson Bros. Coal & Mining Co. (Shovel).		Special.	12
7	12	Victory Coal Co.	1	Special.	10
8	31	Wilbert-Schreeb Coal Co.	2	Special.	7
Total miles traveled.					78

Total number of accidents investigated.	0
Total number of scale inspections.	0
Total number of special inspections.	8
Total number of general inspections.	0
Total inspections and investigations.	8



Mine Inspection Department.

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MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

Made by Deputy State Mine Inspector William Glennon, during the month of January, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Jan. 3	Sheridan Coal Co.	14	Special	31
2	4	Western Coal & Mining Co.	20	Special	34
3	4	Black Diamond Coal Co.	1	Special	32
4	5	Acme Coal Co.	2	Scale	18
5	6	Central Coal & Coke Co.	49	General	18
6	7	Central Coal & Coke Co.	49	General	23
7	10	Central Coal & Coke Co.	51	Accident	32
8	11	Spencer-Newlands Coal Co.	9	Special	10
9	12	Clemens Coal Co.	18	Special	8
10	14	Broadhurst Bros. Coal Co.	2	Special	21½
11	15	Central Coal & Coke Co.	48	Accident	22
12	17	Sheridan Coal Co.	7	Special	31
13	19	Sheridan Coal Co.	12	Special	13
14	20	Dittman-Wachter Coal Co.	2	Scale	31
15	21	Sheridan Coal Co.	14	Special	5
16	24	Brown Bros. Coal Co.	51	Special	23
17	25	Central Coal & Coke Co.	15	General	9
18	26	Schrappen-Dorman Coal Co.	9	Special	33
19	27	Sheridan Coal Co.	7	Special	19
20	28	Hamilton Coal & Mercantile Co.	51	General	23
21	31	Central Coal & Coke Co.	51	General	23
Total miles traveled					436½

Total number of accidents investigated	2
Total number of scale inspections	2
Total number of special inspections	13
Total number of general inspections	4
Total inspections and investigations	21

MINE INSPECTIONS AND INVESTIGATIONS—CONTINUED.

William Glennon, February, 1921.

No.	Date.	NAME OF COMPANY.	Mine No.	Nature of inspection.	Miles traveled.
1	Feb. 1	Central Coal & Coke Co.	48	Accident	21½
2	2	Central Coal & Coke Co.	48	General	21½
3	3	Central Coal & Coke Co.	51	General	23
4	4	Western Coal & Mining Co.	15	Accident	19
5	5	Wear Coal Co.	21	Special	20
6	7	Sheridan Coal Co.	19	General	34
7	8	Spencer-Newlands Coal Co.	7	Accident	32
8	8	Kennedy Bros. Coal Co.	1	Scale	10
9	8	Kennedy Bros. Coal Co.	1	Special	6
10	9	Simon Coal Co. (Dave)	1	Special	23
11	10	Young Coal Co.	9	General	9
12	11	Aldridge-Coughenour Coal Co.	7	Special	32
13	11	Toussaint Coal Co. (Lone Star)	7	General	6
14	14	Spencer-Newlands Coal Co.	2	Special	10
15	18	McGrath Coal Co.	1	General	36
16	19	Victory Coal Co. (O'Leary)	1	Scale	6
17	21	Doubleday Coal Co.	16	Special	18
18	23	Mertz & Mishmash Coal Co.	17	Scale	17
19	24	Western Coal & Mining Co.	4	Special	7
20	24	Wear Coal Co.	7	Accident	20
21	25	Patton Coal Co.	16	Special	18
22	26	Girard Coal Co.	16	Special	18
23	28	Western Coal & Mining Co.	16	Special	18
Total miles traveled					389

Total number of accidents investigated	4
Total number of scale inspections	3
Total number of special inspections	10
Total number of general inspections	6
Total inspections and investigations	23